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Substitute for form 1449/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/048033
Date Submitted: August 30, 2007 <i>(use as many sheets as necessary)</i>				Filing Date	7/21/2000
				First Named Inventor	H. Michael Shepard
				Art Unit	1623
				Examiner Name	Crane, Lawrence E.
				Attorney Docket Number	060925-0601
Sheet	1	of	5		

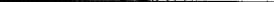
## **U.S. PATENT DOCUMENTS**

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS

SEARCHED, SERIALIZED, AND INDEXED PATENT APPLICATION DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code <sup>2</sup> (if known)			

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T- <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	F15	WO 96/23506	08-08-1996	Fraunhofer Society for the Promotion of Applied Research E.V. (English Abstract)		

Examiner Signature	L. E. Crane 	Date Considered	11/26/2007
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	D16	BALZARINI et al. "Highly Selective Cytostatic Activity of (E)-5-(2-Bromovinyl)-2'-deoxyuridine Derivatives for Murine Mammary Carcinoma (FM3A) Cells Transformed with the Herpes Simplex Virus Type 1 Thymidine Kinase Gene" Molecular Pharmacology (1985) 28:581-587		
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	D18	BARBATO et al. "Synthesis of bridged pyrimidine nucleosides and triazo [4, 3-c] pyrimidine nucleoside analogues" Nucleosides & Nucleotides 8(4):515-528 (1989)		
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	D24	CORDON-CARDO and PRIVES "At the crossroads of inflammation and tumorigenesis" J. Exp. Med. 190(10):1367-1370 (November 15, 1999)		
	D25	COSTI et al. "Phthalein derivatives as a new tool for selectivity in thymidylate synthase inhibition" J. Med. Chem. 42(12):2112-2124 (1999)		
	D26	COSTI, et al. "Thymidylate Synthase Inhibition: A Structure-Based Rationale for Drug Design" Medical Research Review 18(1):21-42 (1998)		
	D27	CURT "Cancer drug development: new targets for cancer treatment" Oncologist 1(3):II-III (1996)		

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Sheet	3	of	5	Attorney Docket Number	060925-0601

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	D28	DeCLERCQ et al. "Antiviral Activity of Novel Deoxyuridine Derivatives" Current Chemotherapy: Proceedings of the International Congress of Chemotherapy 1:352-354 (September 18, 1978)			
	D29	DeCLERCQ "Antiviral Activity Spectrum and Target of Action of Different Classes of Nucleoside Analogues" Nucleosides & Nucleosides 13(6&7):1271-1295 (1994)			
	D30	DeCLERCQ "In search of a selective antiviral chemotherapy" Clin. Micro. Review 10(4):674-693 (October 1997)			
	D31	DRAKE et al. "Resistance to Tomudex (ZD1694): Multifactorial in Human Breast and Colon Carcinoma Cell Lines" Biochem. Pharmacol. 51(10):1349-1355 (1996)			
	D32	FARROW et al. "Synthesis and biological properties of novel phosphotriesters: A new approach to the introduction of biologically active nucleotides into cells" J. Med. Chem. 33(5):1400-1406 (1990)			
	D33	GREM "Biochemical modulation of fluorouracil by dipyridamole: preclinical and clinical experience" Semin Oncol. 19(2 Suppl 3):56-65 (April 1992)			
	D34	GRIENGL et al. "Phosphonoformate and phosphonoacetate derivatives of 5-substituted 2'deoxyuridines: Synthesis and antiviral activity" J. Med. Chem. 31(9):1831-1839 (1988)			
	D35	HENGSTSCHLAGER, M. and E. WAWRA "Cytofluorometric determination of thymidine kinase activity in a mixture of normal and neoplastic cells" Br. J. Cancer (1993) 67:1022-1025			
	D36	JOHNSTON et al. "Thymidylate synthase gene and protein expression correlate and are associated with response to 5-fluorouracil in human colorectal and gastric tumors" Cancer Res. 55:1407-1412 (1995)			
	D37	KOMAKI et al. "Difference in thymidylate synthetase activity in involved nodes compared with primary tumor in breast cancer patients" Breast Cancer Res. Treat. 35(2):157-162 (1995)			
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	D39	LIBRA, et al. "Thymidylate synthase mRNA levels are increased in liver metastases of colorectal cancer patients resistant to fluoropyrimidine-based chemotherapy" BMC Cancer 4:11 (2004)			
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	D41	LOOK et al. "Increased thymidine kinase and thymidylate synthase activities in human epithelial ovarian carcinoma" Anticancer Res. 17:2353-2356 (1997)
	D42	MIAO et al. "A Stepwise One Pot Synthesis of Alkyl Thiophosphoramidate Derivatives of Nucleosides" Synthetic Communications 32(8):1159-1167 (2002)
	D43	NICULESCU-DUVAZ et al. "Gene-directed enzyme prodrug therapy: A review of enzyme/prodrug combinations" Expert Opin. Invest. Drugs 6(6):685-703 (1997)
	D44	PATTERSON et al. "Thymidine phosphorylase moderates thymidine-dependent rescue after exposure to the thymidylate synthase inhibitor ZD1694 (tomudex) in vitro" Cancer Res. 58:2737-2740 (1998)
	D45	PEDERSEN-LANE et al. "High-level expression of human thymidylate synthase" Protein Expression and Purification 10:256-262 (1997)
	D46	ROONEY et al. "Comparative Genomic Hybridization Analysis of Chromosomal Alterations Induced by the Development of Resistance to Thymidylate Synthase Inhibitors" Cancer Res. 58:5042-5045 (November 15, 1998)
	D47	SMITH et al. "Response to doxorubicin of cultured normal and cancerous human mammary epithelial cells" J. Nat'l Cancer Inst. 74(2):341-347 (1985)
	D48	TOUROUTOGLOU et al. "Thymidylate synthase inhibitors" Clin. Cancer Res. 2(2):227-243 (February 1996)
	D49	TSAVARIS et al. "Multimodal biochemical modulation of 5-fluorouracil activity in advanced colorectal cancer with allopurinol, folic acid and dipyridamol" J. Chemother. 2(2):123-126 (1990)
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	D52	VLAYKAVA et al. "Increased Thymidylate Synthase Gene Expression in Metastatic Melanoma" Oncology 54:146-152 (1997)
	D53	WHALEN et al. "Human glutathione S-transferases" Seminars in Liver Disease 18(4):345-358 (1998)

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